

Attorney's Docket No.: 10559/594001/P12805  
Intel Corporation

Amendment to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method comprising:

determining a private network address for a user in connection with the user accessing a network resource on a network;

determining an application layer access control list entry for the user based on an access control policy;

generating a network layer access control list entry for the user based on the determined private network address;

sending the determined application layer access control list entry to nodes on the network that do not support network layer packet filtering ~~from a first computer to a second computer on the network that includes the user and the network resource;~~

sending the generated network layer access control list entry to nodes on the network that support network layer packet filtering;

translating a public network address to the private network address for the user accessing the network resource ~~after the access control list entry is sent;~~ and

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allowing or blocking the user access to the network resource based on at least one of the application layer access control list entry and the network layer access control list entry.

2-3. (Canceled).

4. (Currently Amended) The method of claim 1 3, wherein the generated network layer access control list entry comprises a ~~network level access control list including~~ at least one of a destination address, a protocol layer designation, a source port, a destination port, the determined private network address, and an indication of allowed or denied access to the network resource.

5. (Canceled).

6. (Currently Amended) The method of claim 1 3, wherein determining the private network address comprises allocating a network address based on a dynamic host configuration protocol (DHCP).

7. (Canceled).

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8. (Currently Amended) The method of claim 1 5, ~~wherein the second computer comprises a server computer associated with the network resource,~~ wherein determining an application layer access control list entry further comprises retrieving an application layer access control list entry stored in a database, and

wherein a ~~the~~ server computer on the network that does not support network layer packet filtering uses an application layer protocol based on an open system interconnection (OSI) model.

9. (Currently Amended) The method of claim 1 5, further comprising storing the access control policy on a storage medium connected to a ~~the~~ first computer in the network, the access control policy including defined roles for each user allowed to access a resource in the network.

10. (Currently Amended) The method of claim 1 3, further comprising:

releasing the private network address following completion of the access to the network resource.

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11. (Currently Amended) The method of claim 10, further comprising:

de-installing the a network layer access control entry following completion of the access to the network resource.

12. (Currently Amended) An article comprising a machine-readable medium that stores machine-executable instructions, the instructions causing a machine to:

determine a private network address for a user in connection with the user accessing a network resource on a network;

determine an application layer access control list entry for the user based on an access control policy;

generate a network layer access control list entry for the user based on the determined private network address;

send the determined application layer access control list entry to nodes on the network that do not support network layer packet filtering ~~from a first computer to a second computer on the network including the user and the network resource;~~

send the generated network layer access control list entry to nodes on the network that support network layer packet filtering;

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translate a public network address to the private network address for the user accessing the network resource; and

allow or block the user access to the network resource based on at least one of the application layer access control list entry and the network control access list entry ~~after the access control list entry is sent.~~

13-14. (Canceled).

15. (Currently Amended) The article of claim 124, wherein the generated network layer access control list entry comprises ~~a network level access control list including~~ at least one of a destination address, a protocol layer designation, a source port, a destination port, the determined private network address, and an indication of allowed or denied access to the network resource.

16. (Canceled).

17. (Currently Amended) The article of claim 124, wherein determining the private network address comprises allocating a network address based on a dynamic host configuration protocol (DHCP).

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18. (Canceled).

19. (Currently Amended) The article of claim 126, wherein ~~the second computer comprises a server computer associated with the network resource,~~ wherein determining an application layer access control list entry further comprises retrieving an application layer access control list entry stored in a database, and

wherein a the server computer on the network that does not support network layer packet filtering uses an application layer protocol based on an open system interconnection (OSI) model.

20. (Currently Amended) The article of claim 126, further comprising storing the access control policy on a storage medium connected to a the first computer in the network, the access control policy including defined roles for each user allowed to access a resource in the network.

21. (Currently Amended) The article of claim 124, further comprising:

releasing the private network address following completion of the access to the network resource.

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22. (Currently Amended) The article of claim 21, further comprising:

de-installing the ~~a~~ network layer access control entry following completion of the access to the network resource.

23. (Currently Amended) An apparatus comprising:

a first memory that stores executable instructions;

a first processor that executes the instructions from the first memory to:

determine a private network address for a user in connection with the user accessing a network resource on a network;

determine an application layer access control list entry for the user based on an access control policy;

generate a network layer access control list entry for the user based on the determine private network address;

send the determined application layer access control list entry to nodes on the network that do not support network layer packet filtering ~~a second processor on the network including the user and the network resource;~~

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send the generated network layer access control list entry to nodes on the network that support network layer packet filtering;

translate a public network address to the private network address for the user accessing the network resource; and

allow or block the user access to the network resource based on at least one of the application layer access control list entry and the network layer access control list entry after ~~the access control list entry is sent.~~

24-25. (Canceled).

26. (Currently Amended) The apparatus of claim 235, wherein the generated network layer access control list entry comprises ~~a network level access control list entry including~~ at least one of a destination address, a protocol layer designation, a source port, a destination port, the determined private network address, and an indication of allowed or denied access to the network resource.

27. (Currently Amended) The apparatus of claim 235, wherein determining the private network address comprises assigning a



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network address based on a dynamic host configuration protocol (DHCP).

28-29. (Canceled).

30. (Currently Amended) The apparatus of claim 249, wherein the nodes on the network that support network layer packet filtering network layer device executes instructions to block or allow access to the network resource based on the network layer access control list entry.